

Converting Colors

XYZ(59.8065, 49.8155, 65.0466)

Have a look what the booklet for
XYZ(59.8065, 49.8155, 65.0466)
contains.

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Color

**XYZ(59.7018, 49.7332,
64.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA6CE
RGB	237, 166, 206
RGB Percent	93%, 65%, 81%
CMY	0.0706, 0.3490, 0.1922
CMYK	0.00, 0.30, 0.13, 0.07
HSL	326°, 66%, 79%
HSV	326°, 30%, 93%
XYZ	59.7018, 49.7332, 64.8454
YIQ	191.7890, 29.4760, 27.4920

Conversions

Conversions Part 2

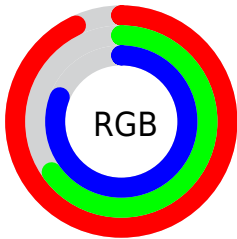
Format	Color
R _Y B	237, 166, 206
Decimal	15574734
CIE Lab	75.91, 32.06, -9.81
CIE LCh	76, 33.531, 342.986
Yxy	49.7332, 0.3426, 0.2854
Android (android.graphics.Color)	4293764814 (0xFFEDA6CE)
YUV	191.7890, 7.0060, 39.6500
Hunter-Lab	70.5218, 27.7001, -5.1524

Details

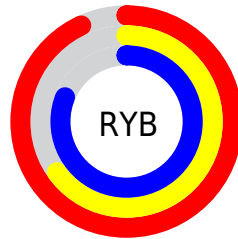
The XYZ color **59.7018, 49.7332, 64.8454** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.0901, 72.7078, 63.9043**, and the grayscale version is **49.9296, 52.5298, 57.2049**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **30.3950, 23.7806, 32.6939** is the 20% darker color. If you saturate the color by 10%, you get **54.5681, 41.4115, 57.1346**, and if you desaturate by 10%, it is **65.7150, 59.6802, 73.2589**.

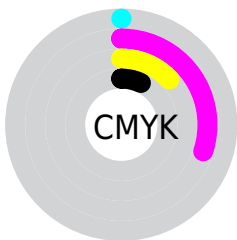
Distribution



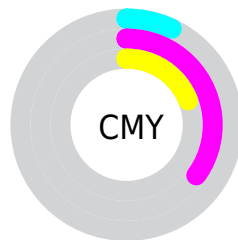
- Red (93%)
- Green (65%)
- Blue (81%)



- Red (93%)
- Yellow (65%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (7%)



- Cyan (7%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7018, 49.7332, 64.8454 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.7018, 49.7332, 64.8454 by changing the saturation by 10% instead.

59.7018, 49.7332,
64.8454

59.7018, 49.7332,
64.8454

413.3501,
385.6217, 460.5272

43.4269, 35.2015,
46.8852

103.5058, 89.7794,
113.4387

30.4162, 23.8181,
32.5912

131.7655,
116.0627, 144.9089

20.3043, 15.1987,
21.5449

164.7509,
147.0320, 181.7195

12.7260, 8.9590,
13.3278

202.8273,
183.0716, 224.2890

7.3158, 4.7144,
7.5213

246.3601,
224.5660, 273.0359

3.7085, 2.0807,
3.7068

295.7146,

1.5386, 0.6537,

271.8996, 328.3790

1.4659

351.2561,
325.4566, 390.7365

■ 0.3518, 0.0000,
0.1924

■ 0.0000, 0.0000,
0.0000

■ 59.7018, 49.7332,
64.8454

■ 59.7018, 49.7332,
64.8454

■ 54.5681, 41.4115,
57.1346

■ 65.7150, 59.6802,
73.2589

■ 50.2644, 34.6203,
50.1006

■ 72.6452, 71.3270,
82.3935

■ 46.7425, 29.2655,
43.7198

■ 80.5330, 84.7516,
92.2706

■ 43.9474, 25.2396,
37.9655

■ 87.5348, 96.2645,
102.2831

■ 41.8164, 22.4200,
32.8084

■ 88.7353, 96.7446,
108.6045

■ 40.2751, 20.6608,
28.2147

■ 39.1990, 19.7159,
24.1338

■ 39.1946, 19.7124,
24.1166

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.9353, 49.7332, 83.3914



59.7018, 49.7332, 64.8454



59.9573, 49.7332, 46.7878

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.7018, 49.7332, 64.8454



44.6236, 49.7332, 27.0862



39.0218, 49.7332, 81.1336

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.7018, 49.7332, 64.8454



56.0901, 72.7078, 63.9043

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.5119, 49.7332, 62.2488



59.7018, 49.7332, 64.8454



39.5492, 49.7332, 32.6958

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.7018, 49.7332, 64.8454



50.8698, 49.7332, 27.4822



36.6960, 49.7332, 44.7022



43.8440, 49.7332, 94.1227

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.7018, 49.7332, 64.8454



58.0700, 49.7332, 37.5088



36.6960, 49.7332, 44.7022



37.8995, 49.7332, 75.1054

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.7033, 49.7355, 64.8464



86.5889, 85.5927, 98.3267



51.8893, 45.2283, 86.1164



18.2596, 17.8568, 20.6946



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.7033, 49.7355, 64.8464



66.6277, 52.4274, 70.8412



55.8883, 48.2095, 44.7574



15.4209, 15.1962, 17.5017



21.4658, 10.7890, 13.5203



1.7338, 0.8665, 1.3154

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.7033, 49.7355, 64.8464



66.6277, 52.4274, 70.8412



60.6150, 74.5178, 87.7321



15.4209, 15.1962, 17.5017



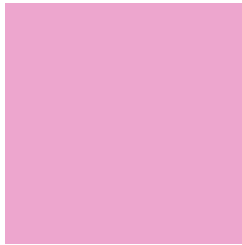
21.4658, 10.7890, 13.5203



1.7338, 0.8665, 1.3154

Previews

White Background



This preview shows how the XYZ color 59.7018, 49.7332, 64.8454 looks on a white background.

Color Contrast Check

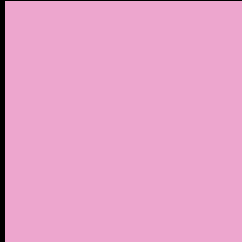
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.7018, 49.7332, 64.8454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

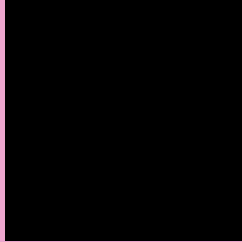
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7018, 49.7332, 64.8454

Background



This preview shows how black text looks on a background with the XYZ color 59.7018, 49.7332, 64.8454.



This preview shows how white text looks on a background with the XYZ color 59.7018, 49.7332,

64.8454.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.7018, 49.7332, 64.8454

Protanopia

49.4011, 50.0560, 74.0759

Deuteranopia

51.0606, 49.9098, 63.4423



Tritanopia

56.8537, 49.6608, 51.3887

Trichromacy



Original Color

59.7018, 49.7332, 64.8454



Protanomaly

52.3451, 49.5127, 70.4164



Deuteranomaly

53.8650, 49.5564, 63.8531



Tritanomaly

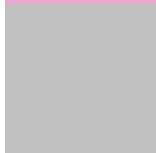
57.8529, 49.7997, 55.8533

Monochromacy



Original Color

59.7018, 49.7332, 64.8454



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.0240, 51.3081, 59.9321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7018, 49.7332, 64.8454 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 166, 206)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 166, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.7018, 49.7332, 64.8454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 166, 206) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 166, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 166, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 206);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7018, 49.7332, 64.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
166, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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